



# Incident Action Plan MISSION INCIDENT

11/18/2014

Santa Paula, California

1 of 1 ©CTEH

# **Operational Period #30**

12/29 06:00 PST - 12/30 06:00 PST

1 of 1 ©CTEH

<b>Incident Action Plan</b>		
	Prepared By:	Ashley Reardon

Version Name: P030V02 DRAFT

# **Approved By**

MISSION INCIDENT

#30: 12/29/2014 06:00 PST - 12/30/2014 06:00 PST

Incident:

Period:

Organization	Name	Signature	
USEPA	Martin Powell		
Ventura County EHD	Craig Cooper		
RP IC	Jason Guzman		

#### **Incident Photo**



## **Included in Action Plan**

Include	Incident Forms	Include	Period Forms
€	Include Incident Cover	<b>∀</b>	ICS 202 - Incident Objectives
	ICS 201-1 - Incident Briefing	<b>∀</b>	ICS 204 - Assignment List(s)
	ICS 201-2 - Summary of Current Actions	<b>∀</b>	ICS 205 - Communication Plan
	ICS 201-3 - Organization Chart	<b>∀</b>	ICS 206 - Medical Plan
	ICS 201-4 - Resource Summary	<b>∀</b>	ICS 207 - Organizational Chart
	ICS 201-5 - Site Safety and Control Analysis		ICS 208 - Site Safety Plan(s)
	Reactive Phase Weather Report		ICS 211P - Check In List
	Reactive Phase Notifications	<b>∀</b>	ICS 230 - Meeting Schedule
			Weather Report
		0	ICS 213 - General Message(s)
		0	ICS 214 - Activity Logs

Incident Action	ı Plaı	n
	0	Incident Critique



	ICS 202: Incident Obje	ectives
Incident:	MISSION INCIDENT	Prepared By: Ashley Reardon
Period:	#30: 12/29/2014 06:00 PST - 12/30/2014 06:00 PST	Version Name: 12/21/2014 13:48 PST

#### Objective(s)

Work Safely

Ensure the health and safety of the public and response and recovery personnel.

· Secure site

Establish site-wide security measures to preserve site integrity and limit unauthorized access to the Site.

• Identify health threats

Identify potential and immediate threats to human health associated with incident cleanup.

• Mitigate health hazards

Work to mitigate the immediate threats to human health and stabilize the site.

• Containerize waste

Containerize regulated wastes appropriately to mitigate immediate threats to human health. Inspect all on site waste containers to identify potential threats or unstable dangerous conditions.

· Inventory site containers and waste

Create and manage an inventory of on site waste containers to include tanks, tanker trucks, totes, pits, ponds, roll off bins and drums that may require rapid attention. use this inventory to assist in profiling various waste streams for proper disposal.

#### **Operational Period Command Emphasis**

Continue solidification of pool from Sectors B2/E2 and stockpile solidified waste

Move stockpiles to roll-off bins staged in E1/E2

Transport saturated media off-site pending analytical sampling results

Waste sampling from stockpiles/roll-off boxes as needed

Swipe testing and wipe sampling of Engine 26 (time/resources permitting)

Wipe sampling as needed

Maintain roll-offs and contaminate PPE from Decon areas

Maintain 24-hr air monitoring

Maintain security around the site to preserve site integrity

Maintain Air Ops

#### **General Situational Awareness**

- ENSURE ALL VEHICLES ARE FACING DIRECTION OF EXIT
- UTILIZE ALL APPROPRIATE PROTECTIVE EQUIPMENT
- KNOW YOUR ESCAPE ROUTES
- ENSURE DECON TEAM IS AWARE OF DECON OBJECTIVES
- DRINK LOTS OF WATER
- ESTABLISH AN AREA OF SAFE REFUGE
- MAINTAIN OBSERVATIONS OF ALL CONTROL ZONES AND ENSURE NO UNAUTHORIZED MOVEMENT BETWEEN THE ZONES
- REPORT ALL ILLNESSES AND INJURIES TO YOUR SUPERVISOR



ICS 204 - Assignment List  Incident: MISSION INCIDENT   Period: #30: 12/29/2014 06:00 PST - 12/30/2014 06:00 PS  Branch: Division / Group: Decon Units  Prepared By: Ashley Reardon   Version Name: 12/21/2014 11:22 PST    Unit: DECON UNITS   Tactical Objective  Provide entry team decontamination processes in accordance with job hazard analysis and/or verbal direction.  Assignments  Personnel will be assigned to designated ingress and egress locations at the site.  Maintain roll-off and contaminated PPE.  Resource Required  Resource Identifier   Leader   # of Units   Contact   Notes    Decon Team C   Josh Bailey   4   661-340-6156    Assignment Progress and Issues  Location of Work	CETEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC				
Branch: Division / Group: Decon Units Prepared By: Ashley Reardon Version Name: 12/21/2014 11:22 PST  Unit: DECON UNITS  Tactical Objective Provide entry team decontamination processes in accordance with job hazard analysis and/or verbal direction.  Assignments  Personnel will be assigned to designated ingress and egress locations at the site.  Maintain roll-off and contaminated PPE.  Resources Required  Resource Identifier Leader # of Units Contact Notes  Decon Team C Josh Bailey 4 661-340-6156  Assignment Progress and Issues		ICS 204 - A	Assignme	nt List	
Prepared By: Ashley Reardon Unit: DECON UNITS  Tactical Objective  Provide entry team decontamination processes in accordance with job hazard analysis and/or verbal direction.  Assignments  Personnel will be assigned to designated ingress and egress locations at the site.  Maintain roll-off and contaminated PPE.  Resource Required  Resource Identifier Leader Josh Bailey 4 661-340-6156  Assignment Progress and Issues	Incident: MISSION INC	IDENT Period:	#30: 12/2	9/2014 06:00 PST - 12/	30/2014 06:00 PST
Unit: DECON UNITS  Tactical Objective  Provide entry team decontamination processes in accordance with job hazard analysis and/or verbal direction.  Assignments  Personnel will be assigned to designated ingress and egress locations at the site.  Maintain roll-off and contaminated PPE.  Resources Required  Resource Identifier Leader # of Units Contact Notes  Decon Team C Josh Bailey 4 661-340-6156  Assignment Progress and Issues	Branch:	Division / Gro	oup: Decon Un	its	
Tactical Objective  Provide entry team decontamination processes in accordance with job hazard analysis and/or verbal direction.  Assignments  Personnel will be assigned to designated ingress and egress locations at the site.  Maintain roll-off and contaminated PPE.  Resources Required  Resource Identifier Leader # of Units Contact Notes  Decon Team C Josh Bailey 4 661-340-6156  Assignment Progress and Issues	Prepared By: Ashley Reardo	on Version Name	e: 12/21/201	4 11:22 PST	
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Maintain roll-off and contaminated PPE.    Resources Required   # of Units   Contact   Notes		Ass	signments		
Resources Required  Resource Identifier Leader # of Units Contact Notes  Decon Team C Josh Bailey 4 661-340-6156  Assignment Progress and Issues	Personnel will be assigned t	o designated ingress a	and egress loca	tions at the site.	
Resource Identifier  Leader  # of Units  Contact  Notes  Decon Team C  Josh Bailey  4 661-340-6156   Assignment Progress and Issues	Maintain roll-off and contan	ninated PPE.			
Resource Identifier  Leader  # of Units  Contact  Notes  Decon Team C  Josh Bailey  4 661-340-6156   Assignment Progress and Issues					
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Resource Identifier  Leader  Josh Bailey  4  661-340-6156  Assignment Progress and Issues					
Resource Identifier  Leader  # of Units Contact Notes  Decon Team C  Josh Bailey  4 661-340-6156  Assignment Progress and Issues					
Decon Team C Josh Bailey 4 661-340-6156  Assignment Progress and Issues		Resour	rces Required		
Assignment Progress and Issues	Resource Identifier	Leader		Contact	Notes
	Decon Team C	Josh Bailey	4	661-340-6156	
Location of Work		Assignment 1	Progress and	Issues	
		Locat	tion of Work		



CTEH CENT	TER FOR TOXICOLOGY NVIRONMENTAL HEALTH, LLG				
	IC	CS 204 - Ass	signmer	nt List	
Incident:	MISSION INCIDENT	Period:	#30: 12/29	/2014 06:00 PST - 12	/30/2014 06:00 PST
Branch:		Division / Group:	Planning		
Prepared By	y: Ashley Reardon	Version Name:	12/21/2014	11:22 PST	
Unit:	AIR OPS				
		Tactical	Objective		
Provide aer	ial imagery as requeste	d by UC or Operati	ons. Maintai	in situational awaren	ess at all times.
		Assigr	ments		
Obtain aeria	al photographs of the si	te several times pe	er day, as app	propriate	
Fill out fligh	nt checklist for each flig	ht			
Follow all sa	afety precautions				
Obtain phot	to and video footage of	critical operations,	as requeste	d.	
		Resources	s Required		
Resou	ırce Identifier	Leader	# of Units	Contact	Notes
Copter Pilot	t P	hil Baker	1	501-804-8138	
Remote-con	itrolled copter		1		
Remote live	e feed camera		1		
	,	Assignment Pro	gress and I	ssues	·
		Location	of Work		
Onsite					



Branch: Prepared By: As Unit: HA SU Provide standby Maintenance of	shley Reardon AZMAT/ UPPRESSION fire suppression	Division / G Version Nar  Tactica  and rescue teams  Assi capabilities with p	#30: 1 PST roup: Suppreme: 12/21/2 al Objective for entry team gnments umps, hoses,	2/29/2014 06:00 PST - 2 ession 2014 11:22 PST  ms as designated by Op	erations Chief.
Branch: Prepared By: As Unit: St  Provide standby  Maintenance of Provide and mai	shley Reardon AZMAT/ UPPRESSION fire suppression fire suppression	Division / G Version Nar  Tactica  and rescue teams  Assi capabilities with p	PST roup: Supprenter ne: 12/21/2  al Objective for entry team gnments umps, hoses,	ession 2014 11:22 PST  ms as designated by Op and fire monitors.	erations Chief.
Prepared By: As  Unit: HA  SU  Provide standby  Maintenance of the stand maintenance and maint	AZMAT/ UPPRESSION  fire suppression  fire suppression	Version Nar  Tactica  and rescue teams  Assi  capabilities with p	ne: 12/21/2  al Objective  for entry team  gnments  umps, hoses,	2014 11:22 PST  ms as designated by Op  and fire monitors.	
Unit: HA SI  Provide standby  Maintenance of the standard main the	AZMAT/ UPPRESSION  fire suppression  fire suppression	Tactica and rescue teams  Assi capabilities with p	for entry team gnments umps, hoses,	ms as designated by Op and fire monitors.	
Provide standby  Maintenance of a	fire suppression	and rescue teams  Assi capabilities with p	for entry team gnments umps, hoses,	and fire monitors.	
Maintenance of Provide and mai	fire suppression	and rescue teams  Assi capabilities with p	for entry team gnments umps, hoses,	and fire monitors.	
Maintenance of	fire suppression	<b>Assi</b> capabilities with p	gnments umps, hoses,	and fire monitors.	
Provide and mai		capabilities with p	umps, hoses,		ea stabilization
Provide and mai					a stabilization
	intain equipped p	personnel to make o	entry if neces	sary during release are	a stabilization
		Resourc	es Required	l	
Resource	Identifier	Leader	# of Units	Contact	Notes
Suppression Tea	am	Mike Sokoloff	3	818-414-1980	
				T	
		Assignment D	MARKAGO ANA		
		Assignment P	rogress and	Issues	



ICS 204 - Assignment List			
Incident:	MISSION INCIDENT	Period:	#30: 12/29/2014 06:00 PST - 12/30/2014 06:00 PST
Branch:		Division / Group:	Environmental
Prepared By:	Ashley Reardon	Version Name:	12/21/2014 11:22 PST
Unit:	ENVIRONMENTAL HEALTH		

#### **Tactical Objective**

Provide community and site air monitoring. Provide site post stabilization surface sampling to assess the presence or absence of contaminants.

#### **Assignments**

Continue air monitoring in the surrounding community

Continue air monitoring around site perimeter

Provide site stabilization teams with post-stabilization swipe assessments

Provide site stabilization teams with air monitoring support

Wipe sampling as needed

Collect outfall samples in case of any storm water run off from site

Swipe testing and wipe sampling of Engine 26 (time/resources permitting)

#### **Resources Required**

Resources Required					
Resource Identifier Leader		# of Units	Contact	Notes	
On-Site Air Monitoring	Wesley Killingsworth	4	501-952-0343		
Air Monitoring - Community (Days)	Daniel Short		501-416-5700		
Air Monitoring - Perimeter (Days)	Jeff Appleton	1	832-808-0102		
Air Monitoring - Perimeter (Nights)		2	719-749-6171		

#### **Assignment Progress and Issues**

Share analytical results with the County or other agencies as directed.

#### **Location of Work**

The community and on site as desginated by Operations.



CENTER FOR TOXICOLOG	irc GA					
	ICS 2	04 - Assigı	ımen	t List		
Incident: MISSION II	NCIDENT	Period:	#30: 1 PST	2/29/2014 06:00 PST	- 12/30/2014 06:00	
Branch:	:	Division / Group:	Chemis	stry Strike Team		
Prepared By: Ashley Rear	rdon	Version Name:	12/21/2	2014 11:22 PST		
Unit: CHEMISTR TEAM	Y STRIKE					
Tactical Objective						
Provide technical support	to Incident Man	nagement and Sit	e Stabil	ization Teams.		
		Assignmer	ıts			
Collect samples and perfo	orm HAZCAT ana	alysis as requeste	ed			
Conduct efficacy tests						
Oversee stabilization process						
		Resources Rec	quired			
Resource Identifie	er Le		# of Inits	Contact	Notes	
Chemistry Strike Team	Randall	Woodlee 1		615-504-3484		
	Assig	nment Progres	s and Is	ssues		
		Location of V	Vork			
On Site/HazCat trailer in	E1	20000001 01	. 0111			
2 2100, 1142 340 0141101 111	<del></del>					



ICS 204 - Assignment List				
Incident:	MISSION INCIDENT	Period:	#30: 12/29/2014 06:00 PST - 12/30/2014 06:00 PST	
Branch:		Division / Group:	Site Stabilization Team	
Prepared By:	Ashley Reardon	Version Name:	12/21/2014 11:22 PST	
Unit:	SITE STABILIZATION TEAM			

#### **Tactical Objective**

Mitigate surfaces in accordance with the Release Area Stabilization Plan as assigned.

#### **Assignments**

Continue solidification of pool from Sectors B2/E2 and stockpile solidified waste

Move stockpiles to roll-off bins staged in E1/E2

Storm water recovery if necessary

Prep and assist with transportation of saturated media off-site (pending analytical sampling results)

#### **Resources Required**

Resources Required							
Resource Identifier	Leader	# of Units	Contact	Notes			
SITE STABILIZATION Task Force B	Rocky Schwarz	7	909-217-2028	Entrants/ Operators/Spotters (B Gate)			
SITE STABILIZATION Task Force C	Josh Bailey	6	661-340-6156	Entrants/ Operators/Spotters (C Gate)			
SITE STABILIZATION Support		1		Logistics			

# **Assignment Progress and Issues**

SITE STABILIZATION Task Forces will allocated to Environmental for assisstance with Tank/Tote sampling before pool solidification operations begin.

#### **Location of Work**

On-site



			ICS 205: Co	ommun	ıca	tion	Plan					
Incident: MISSION INCIDENT Prepared By: Ashley Reardon												
Period: #30: 12/29/2014 06:00 PST - 12/30/2014 06:00 PST Version Name: 12/21/2014 11:22 PS						PST						
Radio Listings												
Zone Grp.	Ch #	Function	Channel Name / Trunked Radio System			ignment	RX Freq N or W	RX Tone / NAC	TX Freq N or W	TX Tone / NAC	Mode (A, D or M)	Remarks
Ops	1		Patriot Channel 1		Oper	rations	462.475	141.3	467.475	141.3		
			P	hone Listin	gs		•	•				
	Nar	ne	Title	Phon	e	Radio			Email			Other
Alec G	onzale	es	Documentation Unit Lead	702-419-1	306	0	alec@ale	cgonza	les.com			
Ashley	Rear	don	Planning Section Chief	501-247-6	691	0	areardon	@cteh.	com			
Chris	Sigala		Security Unit Lead	805-620-2	598	0						
Craig	Coope	er	Ventura County EHD (Current)	805-654-2	127	0	craig.coo	per@ve	entura.org	ſ		
Dave I	Mosley	7	Operations Section Chief	661-340-7	177	0	dmosley@patriotenvironmental.com					
David	Ramos	S	Finance Section Chief	805-755-3	300	0	dramos@patriotenvironmental.com					
Don W	arren	en Operations Deputy Section Chief 601-278-7814		0	dwarren@cteh.com							
Jason	Guzma	an	RP Incident Commander	805-755-3322		0	jguzman@patriotenvironmental.com					
Jon Co	lomb		START			0	jonathan.colomb@westonsolutions.com					
Josh B	ailey		SITE STABILIZATION TASK FORCE C	661-414-9	075	0						
Josh B	lanset	t	Situation Unit Leader	901-573-5	613	0	jblansett@cteh.com					
Josh R	odrigu	ıez	Supply Unit Lead	661-340-9	692							
Kent C	Creight	ton	Planning Section Deputy Chief	562-310-6	969		kcreighton@patriotenvironmental.com					
Kevin	Matte	r	Site Safety Officer	562-244-2	217		kmatter@	kmatter@patriotenvironmental.com		om		
Kyle L	awren	ice	Environmental Sampling Branch Manager	501-366-2	698		klawrence@cteh.com					
Marga	ret Wa	aldon	FOSC	415-940-1	109		waldon.margaret@epa.gov					
Mario	Pena		Staging Area Unit Lead	805-755-3	741						•	
Mark I	Miller		Transportation Supervisor	562-244-1	929						•	
Martir	Powe	ell	FOSC (Current)	562-760-7	028		powell.martin@epa.gov					
Phil B	aker		Air Ops Lead	501-515-1	228		pbaker@cteh.com					
Randa	ll Woo	odlee	Sr Chemist	615-504-3	615-504-3484		rwoodlee	@envir	osciencei	nc.com		
Rich Y	ukihir	0	Cost Unit Lead	562-244-2	562-244-2764							
Rober	t Mart	inez	Support Unit Lead	805-755-3	718							
Rocky	Schwa	artz	SITE STABILIZATION TASK FORCE B	909-217-2	028							
Tom D	unkelı	man	FOSC	775-721-4	712		dunkelma	an.tom(	@epa.gov			
Wesle	y Killin	ngsworth	Air Monitoring Lead	501-952-0	343		wkillings	worth@	cteh.com			
Will C	anto		Disposal Branch Director	562-244-5	108		wcanto@	patriot	environme	ental.co	m	



# ICS 206: Medical Plan

Incident: MISSION INCIDENT Prepared By: Ashley Reardon

Period: #30: 12/29/2014 06:00 PST - 12/30/2014 06:00 PST Version Name: 12/21/2014 11:22 PST

#### First Aid Stations

Name	Location	EMT On Site	Phone	Radio
MED496	Briggs & HWY 126	Yes		

#### **Transportation (Ground and/or Air Ambulance Services)**

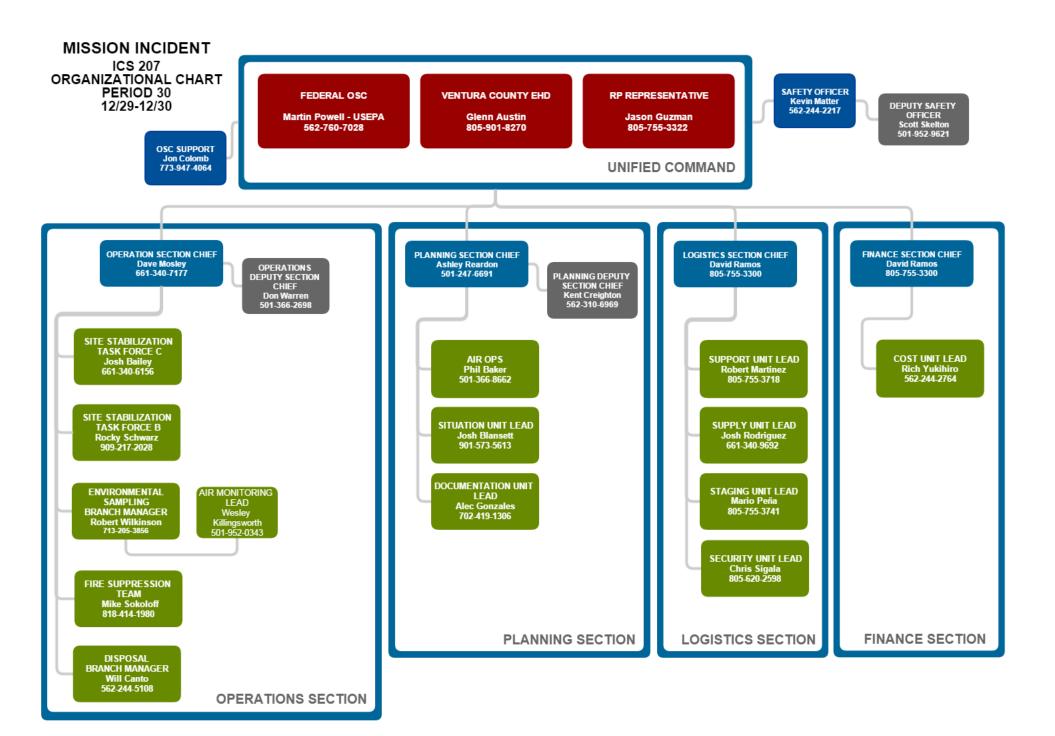
Name	Location	Paramedics	Phone	Radio
AMR Ambulance Service	616 FITCH AVE, MOORPARK, CA	Yes	805-517-2028	

#### Hospitals

Tiospitulo							
Name	Location		Helipad	Phone	Radio		
St John's Hospital - 22min	1600 N Rose Ave, Oxnard, CA	No	No	805-988-2500			
Los Robles Hospital - 32min	215 W Janss, THousand Oaks, CA	No	No	805-497-2727			
Santa Paula Hospital - 8min	825 N 10th st, Santa Paula, CA	No	Yes	805-933-8600			
VCMC - 15min	3291 Loma Vista, Ventura, CA	No	Yes	805-652-6000			
St John's Hospital - 22min	1600 N Rose Ave, Oxnard, CA	No	No	805-988-2500			
Los Robles Hospital - 32min	215 W Janss, THousand Oaks, CA	No	No	805-497-2727			

#### **Special Medical Emergency Procedures**

CONTACT IMMEDIATE SUPERVISOR IF INJURED OR EXPERIENCING SYMPTOMS OF EXPOSURE. UTILIZE COMMAND CHANNEL TO REQUEST ASSISTANCE. If Immediate EMS needed, paraphrase radio traffic with "Emergency Traffic". Provide the following Info: Type of injury, Location, Number of victims, agency of victim, point of contact, staging location for EMS response and if hazmat entry/decon required.





ICS 230: Daily Meeting Schedule							
Incident: MISSION	INCIDENT			Prepared By: Ashley F	Reardon		
Period: #30: 12/2	Period: #30: 12/29/2014 06:00 PST - 12/30/2014 06:00 PST Version Name: 12/21/2014 14:01 PST						
Meetings							
Meeting Name	Date / Time	Purpose		Attendees	Location		
Operations/Safety Briefing	12/29/2014 07:00 PST		All hand	ds			
Operations Briefing/ Planning	12/29/2014 17:00 PST		Comma	nd Staff			

Monday 12/29 # 0% / 0 in Sunny. High 69F. Winds E at 5 to 10 mph.



Monday Night 12/29 @ 0% / 0 in

Clear skies. Low 43F. Winds NE at 5 to 10 mpl

# Sun

\_\_\_\_ 7:01 am \_\_\_\_ 4:55 pm



## Moon

First Quarter, 60% visible \_\_\_\_ 12:23 pm \_\_\_\_



Temp.	Feels Like	Dew Point	Humidity	Cond	Itions	Precip.	Liquid Precip.	Wind	Cloud Cover
50 °F	49 °F	39 °F	67%	1	Clear	0%	0 in	4 mph NE	14%
49 °F	48 °F	38 °F	67%	•	Clear	0%	0 in	4 mph NE	14%
48 °F	46 °F	37 ° F	66%	*	Clear	0%	0 in	5 mph NNE	14%
48 °F	46 °F	36 °F	64%	•	Clear	0%	0 in	5 mph NE	14%
47 °F	45 °F	36 °F	64%	1	Clear	0%	0 in	5 mph NNE	14%
47 °F	45 °F	36 °F	64%	:	Clear	0%	0 in	5 mph NE	14%
47 °F	45°F	36 °F	64%	C	Clear	0%	0 in	5 mph NE	14%
48 °F	46 °F	36 °F	62%	*	Clear	0%	0 in	5 mph NE	14%
52 °F	50 °F	36 °F	54%	0	Clear	0%	0 in	5 mph NE	15%
56 °F	55 °F	37 °F	48%	0	Clear	0%	0 in	5 mph NE	15%
59 °F	58 °F	37 °F	44%		Clear	0%	0 in	7 mph ENE	15%
63 °F	63 °F	37 °F	38%	0	Clear	0%	0 in	7 mph ENE	16%
65 °F	65 °F	38 °F	37%	0	Clear	0%	0 in	8 mph ENE	15%
67 ° F	67 ° F	39 °F	36%	0	Clear	0%	0 in	8 mph E	15%
67 °F	67 ° F	40 °F	37%	0	Clear	0%	0 in	8 mph SSE	15%
67 ° F	67 °F	41 °F	39%	0	Clear	0%	0 in	7 mph SSE	15%
65 °F	65 °F	41 °F	42%		Clear	0%	0 in	5 mph SE	15%
61 °F	61 °F	42 °F	49%	*)	Clear	0%	0 in	4 mph ESE	15%
57 °F	57 °F	41 °F	55%	*)	Clear	0%	0 in	4 mph ENE	15%
55 °F	54 °F	40 °F	58%	1	Clear	0%	0 in	4 mph ENE	15%
52 °F	52 °F	40 °F	62%	*	Clear	0%	0 in	4 mph NE	15%
51 °F	49 °F	40 °F	66%	:	Clear	0%	0 in	5 mpn NE	15%
50 °F	48 °F	38 °F	65%	*	Clear	0%	0 in	5 mph NE	15%
49 °F	47 °F	38 °F	66%	*)	Clear	0%	0 in	5 mph NE	16%



Project: 106846 Client: Patriot Environmental City: Santa Paula, CA County: Ventura



Project: 106846 Client: Patriot Environmental City: Santa Paula, CA County: Ventura



## **HEALTH AND SAFETY MESSAGE**

**SAFETY** starts with **YOU** 

We are **ALL** accountable for **SAFE** behaviors

INCIDENT: MISSION DATE: November 22, 2014 TIME: 0800-1800

#### Narrative:

Don't let your guard down and pay strict attention to your overall objectives. Brief all those involved any time there is a deviation from the plan or dangerous situations. Ensure site safety plan is completed and the appropriate PPE is utilized for the task assigned. Stay alert and don't become complacent! Obey hazard control lines. Communicate and coordinate with all agencies involved with the plan. Drink plenty of water during your shift and pace yourself.

#### SAFETY PRACTICE AND PROCEDURES TO MINIMIZE RISK

- ENSURE ALL VEHICLES ARE FACING DIRECTION OF EXIT
- UTILIZE ALL PROTECTIVE EQUIPMENT
- KNOW YOUR ESCAPE ROUTES
- ENSURE DECON TEAM IS AWARE OF DECON OBJECTIVES
- DRINK LOTS OF WATER

- ESTABLISH AN AREA OF SAFE REFUGE
- ENSURE INJURED OR EXPOSED INDIVIDUALS ARE DECONTAMINATED PRIOR TO DEPARTURE FROM SITE
- MAINTAIN OBSERVATIONS OF ALL CONTROL ZONES AND ENSURE NO UNAUTHORIZED MOVEMENT BETWEEN THE ZONES
- REPORT <u>ALL</u> ILLNESSES AND INJURIES TO YOUR SUPERVISOR

Incident Safety Officer: Michael G Valley

Mission Incident Operations Plan

Operational Period: 30

Date: December 29, 2014 06:00 – December 30, 2014 06:00

Operation Description:

# Task 1: Sampling from stockpiled waste as needed

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Collect samples from stockpiled waste on-site as requested and send to the lab for analysis.	<ul><li>2 Technicians</li><li>pH and oxidizer</li><li>strips.</li></ul>	<ul> <li>Liquid splash, flash fire protection and respiratory protection</li> <li>JHA prior to entrance</li> <li>RIT Team</li> <li>Fire suppression</li> <li>Vitals check pre and post entry</li> </ul>

Document	Organization	Section	Electronic Filename
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Task 2: Begin decon, swipe testing, and wipe sampling of Engine 26 (time/resources permitting)

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Oxidizer and pH swipe tests will be collected from the fire truck surface to test for site materials All tests performed will be logged by the CTEH technician and recorded electronically with GPS location and time/date stamp. Once treated and tested with favorable results, the fire truck will be moved from D2 to B2.	<ul> <li>Air monitor</li> <li>pH and oxidizer strips</li> <li>1 Operator</li> <li>Frontend loader</li> </ul>	<ul> <li>Liquid splash, flash fire protection and respiratory protection</li> <li>JHA prior to entrance</li> <li>RIT Team</li> </ul>
2.	Fire truck will be rinsed with pressure washers.	<ul><li>1 Pressure washer</li><li>Water truck</li><li>2 technicians</li></ul>	
3.	Once the fire truck is swipe tested again with favorable results, it will be staged for analytical sampling.	<ul><li>Air monitor</li><li>pH and oxidizer strips</li><li>1 Operator</li></ul>	

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Task 3: Solidification

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Transport solidification agents to site and stockpile.	<ul> <li>Dumptrucks</li> <li>Solidification agent</li> <li>Thermal imaging camera</li> </ul>	<ul> <li>Liquid splash, flash fire protection and respiratory protection</li> <li>JHA prior to entrance</li> <li>Fire suppression</li> </ul>
2.	Move material to pool with frontend loader and mix in pool with trackhoe.	<ul> <li>3 operators</li> <li>2 technicians</li> <li>2 trackhoes</li> <li>2 frontend loader</li> <li>Thermal imaging camera</li> </ul>	<ul> <li>RIT Team</li> <li>Vitals check pre and post entry</li> <li>Heavy Equipment movement</li> <li>Monitor all saturated solids</li> </ul>
3.	Allow material to completely solidify and tighten for at least 12 hours then load into rolloff boxes.	<ul><li>Rolloff boxes</li><li>Rolloff truck</li><li>Thermal imaging camera</li></ul>	for reaction with thermal imaging camera

Approved as part of this IAP.

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# MISSION INCIDENT - Tentative Objective Completion Dates

# December

	December																				
Task		Days Total	Sat 13	Sun 14	Mon 15	Tue 16	Wed 17	Thu 18	Fri 19	Sat 20	Sun <b>21</b>	Mon 22	Tue 23	Wed 24	Thu 25	Fri 26	Sat 27	Sun 28	Mon 29	Tue 30	Wed 31
Complete application of sodium sulfite solution to all surfaces in D5	Е	1																			
	Α	1																			
Solidify pool and stockpile once solidified		7																			
	Α																				
Containerize solidified waste in roll-off boxes		10																			
Decontamination of two (2) 70-barrel vacuum trucks	Ε	4																			
in D2	Α																				
Phase 1/2 of Tank and Tote Inventory Sampling and	Е	3																			
Analysis Plan - visual assessment of tanks on site and tank grouping	Α	2																			
Phase 3 of Tank and Tote Inventory Sampling and		2																			
Analysis Plan - HazCat 10% of tanks from each tank group	Α	2																			
Phase 4 of Tank and Tote Inventory Sampling and	E	2																			
Analysis Plan - Collect analytical sample from each tank group		2																			

Break for Holidays Estimated

Actual

# MISSION INCIDENT - Tentative Objective Completion Dates

January

	January																				
	Days Total		Thu			Sun			Wed							Wed					Mon
Task			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Containerize solidified waste in roll-off boxes and sample per Waste Management Plan	Е	10																			
	Α																				
Decontamination of two (2) 70-barrel vacuum trucks in D2	Ε	4																			
	Α																				
Decontamination of source 120-barrel vacuum truck		2																			
in D5	Α																				
Decontamination of C1, C2, C3, D1, D2, D3, D4, and	Е	7																			
D5	Α																				
Coil compling you Coil Compling Applysis Dlan		4																			
Soil sampling per Soil Sampling Analysis Plan	Α																				
	Ε																				
	Ε																				

Estimated Actual